



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

[] Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

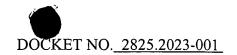
I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

		Brain Tur	mor Diagnosi	s and Outcome Pre	ediction	<u>. </u>					
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the spe	ecification of which (o	check one)									
[]	is attached hereto.										
[X]	was filed on <u>Januar</u>	ry 31, 2002 as Uni	ited States Ap	plication							
	Number or PCT In	ternational Applic	cation No	10/066,305							
	and was amended of	on	_ (if applicab	le).							
includ	I hereby state that ling the claims, as ame				e above	-iden	tified	spec	ificat	ion,	
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United for pat	I hereby claim fore entor's certificate, or of I States of America, li tent or inventor's certi- ation on which priorit	of any PCT interna sted below and ha ficate, or of any P	itional applic ve also ident	ation which design ified below, by che	ated at ecking t	least he bo	one co x, any	untr fore	y oth ign a	er tha pplic	an the ation
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(Numb	per)	(Country)	(Day/	Month/Year filed)		[]	[]	[]

Mailing Address Same as above

on information and belief that willful false statemen 1001 of Title 18 of the Un application or any patent	that a secretary tements made herein of my own knowledge are believed to be true; and further that these statements were not sand the like so made are punishable by fine or imprisonment, nited States Code and that such willful false statements may jeoplissued thereon.	nade wit or both, pardize t	h the knowledg , under Section the validity of t	ge he
Full name of sole				
or first inventor	Todd R. Golub			
Inventor's Signature	the	_ Date _	3/14/02	2
Residence				
	Newton, Massachusetts 02164 02464 mc			
Citizenship	U.S.A.			
Mailing Address	Same as above			
Full name of second joint				
inventor, if any				
•	90 / / / /	Doto	4-3-02	
Inventor's Signature		_ Date _	100-0	<u> </u>
Residence				
	Cambridge, Massachusetts 02139			
	U.S.A.			
Mailing Address	Same as above		_	
Full name of third joint				
inventor, if any	Scott Pomeroy		·	····-
Inventor's Signature		_Date _		
Residence	77 Beaconwood Road, Apt. 11			
	Newton, Massachusetts 02461			
Citizenship	U.S.A.			
Mailing Address				
Full name of fourth joint				
inventor, if any	Pablo Tamayo			
	- W			
Inventor's Signature		Date	04/02/2	.co2 _
Inventor's Signature Residence	JOST /	Date _	<u>04/02/2</u> 5 13	<u>∞2</u> q.x.
Inventor's Signature Residence	71 Howard Street Passachusetts 02139 CAMBRIGE			3 62 V





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

[] Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

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the spe	ecification of which (c	heck one)									
[]	is attached hereto.										
[X]	was filed on <u>Januar</u>	<u>y 31, 2002</u> as U1	nited St	ates Application	ı						
	Number or PCT Int	ternational Appli	ication	No. 10/0	66,305					<u> </u>	
	and was amended of	on	(if ap	plicable).							
includi	I hereby state that I					e-ider	tified	spec	ificati	ion,	
§1.56, filing o applica	I acknowledge the cincluding for continual late of the prior application.	ation-in-part app	lication	is, material infor	mation which b	ecame	availa	ıble l	oetwe	en th	R. le
United for pat	I hereby claim fore entor's certificate, or o States of America, lisent or inventor's certifation on which priority	of any PCT intern sted below and h ficate, or of any I	national nave als	application whi o identified belo	ch designated a w, by checking	t least the bo	one co x, any	untr fore	y other	er tha	in the ation
		, <u>1</u>	Prior Fo	oreign Applicati	on(s)	Prio N Clai	-		Certi Copy I ES	Filed	? O
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(Numb	er)	(Country)		(Day/Month/Y	ear filed)	. []	[]	[]
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	Mexico Same as above	
Citizenship	Cambridge, Massachusetts 02139	
Residence		
	71 II Charact	
inventor, if any		
Full name of fourth joi		·
Mailing Address	Same as above	
Citizenship	U.S.A.	
	Newton, Massachusetts 02461	
Residence		
Inventor's Signature	Sollaner	Date 4 · 22 · 01
inventor, if any	Scott Pomeroy	
Full name of third joint	t	
	U.S.A. Same as above	
Citicanakin		
	151 Bishop Allen Drive	
_	151 Dickon Allan Driva	
•	Eric S. Lander	
Full name of second jo	int	
_	Same as above	
-	U.S.A.	
-	Newton, Massachusetts 02164	
Residence		
		Date
or first inventor	Todd R. Golub	
Full name of sole		

I hereby declare that all perments made herein of my own knowledge are and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the

and that all statements made

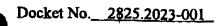




POWER OF ATTORNEY OR AUTHORIZATION OF AGENT AND CORRESPONDENCE ADDRESS

Application Number	10/066,305
Filing Date	January 31, 2002
First Named Inventor	Todd R. Golub
Group Art Unit	1632
Examiner Name	Unknown
Attorney Docket Number	2825.2023-001

	<u>/</u> ζ⁄ν_		<u> </u>
	- N	hereby a	appoint
	[X]	the atto	corneys/agents associated with Customer No. 021005
	[]	Practiti	tioner(s) named below:
			torneys/agents to prosecute the application identified above, and to transact all business in the United at and Trademark Office connected therewith.
<u> </u>	The c	correspo	ondence address for the above-identified application is:
	[X]	Custon	mer Number 021005
1		Hamilto	ton, Brook, Smith & Reynolds, P.C.
		530 Vir	irginia Road
1		P.O. B	Box 9133
7		Concor	ord, Massachusetts 01742-9133
FI.	[]	Other	
1			
H. 1111.	Pleas	se direct	t all telephone calls and facsimiles to:
-	Name	e <u>Lisa I</u>	M. Treannie, Esq. Tel. No. 978-341-0036 Fax No. 978-341-0136
			· · · · · · · · · · · · · · · · · · ·
	lam		
	[]	Applica	ant/Inventor.
	[]	Authori C.F.R.	rized representative of the Assignee of the entire interest. See 37 C.F.R. 3.71. A Statement under 37 . §3.73(b) is enclosed.
	[X]	Authori Medica enclose	rized representative of an assignee together with Dana-Farber Cancer Institute, Inc. and Children's al Center Corporation of the entire interest. A separate Statement under 37 C.F.R. § 3.73(b) is sed.
			SIGNATURE of Applicant or Assignee of Record
	Name)	Patricia Granahan, Esq.
	Signa	iture	Patricia Granafian
	Date		May 20, 2002
	[X]	Total o	of 3 forms are submitted.





Applic	ation No.:	10/066,305	Filed	1 :	January 31, 2002
For:	Brain T	umor Diagnosis and Ou	come Prediction		
	Whitele	and Institute for Biomedi (Name of Assignes)	ical Research	a	COPPORATION Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)
states t	that it is				
A.	[]	the assignee of the entire	re right, title and in	lerest in	n the patent application identified above; or
: B .	[X]	an assignee together wi application identified a	ith Dana-Farber C bove. A separate S	ancer l	Institute, Inc. of the entire right, title and interest in the pate at under 37 CFR § 3.73(b) is being submitted.
The rig	tht, title an	d interest of the above-n	amed assignee in t	be, paten	nt application identified above is established by virtue of:
A. [X]	An assig	gament from the inventor lemark Office at Reel	r(s) of the patent ap	plication ie	on identified above. The assignment was recorded in the Pati
OR					
B.[]	A chain	of title from the inventor	r(s) of the patent ap	plication	on identified above, to the current assignee as shown below:
- 	1.	From: The document was reco	To:		
; [The document was reco	rded in the Patent a	and Trad or a cor	demark Office at opy thereof is attached.
	2.		To:	_	.,
	2 .	The document was reco			demark Office at
		Reel, Fran	me	, от а сој	opy thereof is attached.
	3.	From:	To:		
		The document was reco Reel, Fran			
			•		
	[] Adio	litional documents in the	chain of title are li	isted on	a supplemental sheet.
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тце шас	retailaired (whose are is subbited a	ielow) is authorized	to act o	on behalf of the assignee.
Date:	M	m 31, 2002	7		
Name:_		Patricia Graneban			·
Title:		Patent Counsel	-		
Signatur	- 12	Ethicia Proci	LAGE CACE.		

Docket No. 2825,2023-001

13/034101

Multi-Joint

<u>ASSIGNMENT</u>

WHEREAS, we, Eric S. Lander and Pablo Tamayo, together with co-inventors Todd R. Golub and Scott Pomeroy, have invented a certain improvement in Brain Tumor Diagnosis and Outcome Prediction described in an application for Letters Patent of the United States, the specification of which:

- is being executed on even date herewith and is about to be filed in the United [] States Patent Office:
- was filed on January 31, 2002 as Application No. 10/066,305; [X]
- [] was patented under U.S. Patent No. [] on [].

WHEREAS, Whitehead Institute for Biomedical Research (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at Nine Cambridge Center, Cambridge, Massachusetts 02142 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE'S selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

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-2-

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

Inventor's Signature:	Thurs
State/Commonwealth	Tamayo
of Manchia	
County of Mode	wf
Then personally appeared the executed the foregoing	before me the above-named Pablo Tamayo and asknowledged that instrument as his free act and deed this day of day of
(SEAL)	MANUAL Sull Mary Public
	Landyly 6. Gran Ediginame)
	My Commission chaires V

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COPY

Docket No. 2825.2023-001

Multi-Sole

ASSIGNMENT

WHEREAS, I, Todd R. Golub, together with co-inventors, Eric S. Lander, Scott Pomeroy and Pablo Tamayo have invented a certain improvement in Brain Tumor Diagnosis and Outcome Prediction, described in an application for Letters Patent of the United States, the specification of which:

- [] is being executed on even date herewith and is about to be filed in the United States Patent Office;
- [X] was filed on January 31, 2002 as Application No. 10/066,305;
- [] was patented under U.S. Patent No. [] on [].

WHEREAS, Whitehead Institute for Biomedical Research, a corporation organized and existing under the laws of the State of Delaware and having a usual place of business at Nine Cambridge Center, Cambridge, Massachusetts 02142, and Dana-Farber Cancer Institute, Inc., a corporation organized and existing under the laws of the Commonwealth of Massachusetts, and having a usual place of business at 44 Binney Street, Boston, Massachusetts, 02115, (hereinafter "ASSIGNEES"), desire to acquire an interest therein in accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEES, their successors, assigns and legal representatives, my entire right, title and interest in and throughout the United States of America. its territories and all foreign countries, in and to said invention as described in said application, together with my entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEES for their own use and behalf and for their successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention, carries with it the right in ASSIGNEES to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEES for their own name as assignees of the entire right, title and interest therein;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEES, their successors, assigns and legal representatives, but at its or their expense and charges, including the

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execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEES, their successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal the date set forth below.

· -	
Inventor's Signature:	A fals
State/Commonwealth	Yodd R. Golub
of Magazhusti	b
County of Mille	4
Then personally appeared he executed the foregoing	before me the above-named Todd R. Golub and acknowledged that instrument as his free act and deed this day of, 2002.
(SEAL)	MANULY Y. Santino Notary Public
	Grane July 6. Grane (Marint name)
	My Commission expires 8 14 106
•	

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT AND CORRESPONDENCE ADDRESS

-

			PADEMARK
	I/We	hereby a	
	[X]	the atto	rneys/agents associated with Customer No. 021005
	[]	Practition	oner(s) named below:
L	as my State	y/our atto s Patent	rneys/agents to prosecute the application identified above, and to transact all business in the United and Trademark Office connected therewith.
	The c	correspor	ndence address for the above-identified application is:
	[X]	Custom	er Number 021005
Ť		Hamilto	n, Brook, Smith & Reynolds, P.C.
LI.		530 Vir	ginia Road
		P.O. Bo	ox 9133
pafi B		Concor	d, Massachusetts 01742-9133
	[]	Other_	
., 			
	Pleas	se direct	all telephone calls and facsimiles to:
날	Nam	e <u>Lisa N</u>	M. Treannie, Esq. Tel. No. 978-341-0036 Fax No. 978-341-0136
	l am	the:	
	[]		nt/Inventor.
	, ,		
	[]	Authori	zed representative of the Assignee of the entire interest. See 37 C.F.R. 3.71. A Statement under 37 §3.73(b) is enclosed.
		O.1 .1 C.	30.7 5(5) to chalaced.
	[X]	Authoria	zed representative of an assignee together with Dana-Farber Cancer Institute, Inc. and Whitehead for Biomedical Research of the entire interest. A separate Statement under 37 C.F.R. § 3.73(b) is
	•.	Institute enclose	e for Biomedical Research of the entire interest. A separate Statement under 37 C.F.R. § 3.73(b) is
		-	SIGNATURE of Applicant or Assignee of Record
	Name	9	DONALD P. LOMBARDI Chief) Intellectual Broperty Offi
	Signa	ature	4 Joureal Tambard
	Date		5/2/07
		}	
	[X]	Total o	of 3 forms are submitted.
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	ation No.	:10/066,305	Filed:	January 31, 2002	
For:	Brain ?	Tumor Diagnosis and Outcome I	rediction		
	Childre	en's Medical Center Corporation (Name of Assignee)	ı, a	COPPORATION (Type of Assignee, e.g., corporation, partne	rship, university, government agency, etc.)
states t	hat it is				
A.	[].	the assignee of the entire right	, title and interes	t in the patent application identi	fied above; or
B.	[X]	an assignee together with Whithe entire right, title and intere § 3.73(b) is being submitted.	tehead Institute f	for Biomedical Research and Da pplication identified above. As	na-Farber Cancer Institute, Inc. separate Statement under 37 CFI
The rig	ght, title a	and interest of the above-named	assignee in the pa	atent application identified abov	e is established by virtue of:
+	An ass and Tr	ignment from the inventor(s) of ademark Office at Reel	the patent applica	ation identified above. The assi	gnment was recorded in the Pate ereof is attached.
OR					
B.[]	A chair	n of title from the inventor(s) of	the patent applic	ation identified above to the cu	rrent assionee as shown helow:
,		` '		anon identified accord, to the ca	itent assignee as snown botow.
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	2. 3.	From: The document was recorded it Reel, Frame From: The document was recorded it Reel, Frame From: The document was recorded it Reel, Frame	To: n the Patent and or a	Trademark Office at a copy thereof is attached. Trademark Office at a copy thereof is attached. Trademark Office at a copy thereof is attached. d on a supplemental sheet.	
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Docket No. 2825.2023-001

Multi-Sole

ASSIGNMENT

WHEREAS, I, Scott Pomeroy, together with co-inventors Todd R. Golub, Eric S. Lander and Pablo Tamayo, have invented a certain improvement in Brain Tumor Diagnosis and Outcome Prediction, described in an application for Letters Patent of the United States, the specification of which:

- is being executed on even date herewith and is about to be filed in the United States Patent Office;
 was filed on January 31, 2002 as Application No. 10/066,305;
 was patented under U.S. Patent No. [] on [].
- WHEREAS, Children's Medical Center Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts and having a usual place of business at 300 Longwood Avenue, Boston, Massachusetts 02215 desires to acquire an interest therein in accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with my entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters P atent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any app lication or patent directed thereto may be involved;

AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal the date set forth below.

Inventor Scott Pamaray	Date _	4-10-02
Scott Pomeroy		
Address		
Newton MA 02461		
Witness Brenda Maurina		
Witness Brenda Marning Address 158 Canton Street		
_ North Easton, MA 02356		
Witness Proique Leat - Lark		
Address 66 Prish St		
- Camboridge - HA OZIU		

DENISE G. WRIGHT
Notary Public
Commonwealth of Massachusetts
My Commission Expires
December 26, 2008

Lenis C. Wright

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HAMILTOI ROOK, SMITH & REYNOL P.C.

POWER OF ATTORNEY OR	
AUTHORIZATION OF AGENT AND)
AUTHORIZATION OF AGENT AND CORRESPONDENCE ADDRESS	

PATE JUN 11 0 2002 \$

Application Number 10/066,305

Filing Date January 31, 2002

First Named Inventor Todd R. Golub

Group Art Unit 1632

Examiner Name Unknown

Attorney Docket Number 2825,2023-001

I/We hereby appoint				
[X] the attorneys/agents associated with Customer No. 021005				
[] Practitioner(s) named below:				
the United				
as my/our attorneys/agents to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.				
The correspondence address for the above-identified application is:				
Customer Number 021005				
Hamilton, Brook, Smith & Reynolds, P.C. 530 Virginia Road P.O. Box 9133				
P.O. Box 9133				
Concord, Massachusetts 01742-9133				
[] Other				
Please direct all telephone calls and facsimiles to: Name Lisa M. Treannie, Esq. Tel. No. 978-341-0036 Fax No. 978-341-0136				
Name Lisa M. Treannie, Esq. Tel. No. 978-341-0036 Fax No. 978-341-0136				
I am the:				
[] Applicant/Inventor.				
[] Authorized representative of the Assignee of the entire interest. See 37 C.F.R. 3.71. A Statement under 37 C.F.R. §3.73(b) is enclosed.				
[X] Authorized representative of an assignee together with Whitehead Institute for Biomedical Research and Children's Medical Center Corporation of the entire interest. A separate Statement under 37 C.F.R. § 3.73(b) is enclosed.				
SIGNATURE of Applicant or Assignee of Record				
Name Pamela Ariniello				
Signature Vinde				
Date Max 20 2002				
V				
[X] Total of 3 forms are submitted.				

Applicat	nts: <u>· </u>	Todd R. Golub, Eric S. Lander,	Scott Pomeroy as	nd Pablo Tamayo		
Applicat	ion No.:_	10/066,305	Filed:	January 31, 2002		
For:	Brain Tu	mor Diagnosis and Outcome Pro	ediction			
	» - F-	rber Cancer Insitute, Inc, a	COL	noration		
	Dana-Fa	(Name of Assignee)	(Type of Assignee, e.g., corporation,	partnership, university, government agency, etc.)	
states th	at it is					
A.	[]	the assignee of the entire right,				
В.	an assignee together with Whitehead Institute for Biomedical Research and Children's Medical Center Corporation of the entire right, title and interest in the patent application identified above. A separate Statement under 37 CFR § 3.73(b) is being submitted.				ţ	
The rig	ht, title an	d interest of the above-named as	ssignee in the pat	ent application identified	above is established by virtue of:	
A. [X]	An assig	gnment from the inventor(s) of the demark Office at Reel	he patent applicat , Frame	ion identified above. The	e assignment was recorded in the Pater py thereof is attached.	ıt
OR B.[]					he current assignee as shown below.	
	1.	From:	the Patent and T	rademark Office at copy thereof is attached.		
	2.	From: The document was recorded in Reel, Frame	n the Patent and T	rademark Office at copy thereof is attached.		
	3.	From:	To: To:, or a	rademark Office at copy thereof is attached.		
	[] A	dditional documents in the chain	of title are listed	on a supplemental sheet.		
The w	ndersigne	d (whose title is supplied below)	is authorized to	act on behalf of the assign	nee.	
		Pag 21, 2002				
Name		Pamela Ariniello				
Title:_		Chief Patent Counsel	12			
Signat	ture:	Somely au				

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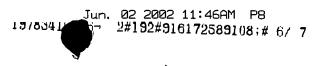
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Docket No. 2825.2023-001

Multi-Sole

ASSIGNMENT

WHEREAS, I, Todd R. Golub, together with co-inventors, Eric S. Lander, Scott Pomeroy and Pablo Tamayo have invented a certain improvement in Brain Tumor Diagnosis and Outcome Prediction, described in an application for Letters Patent of the United States, the specification of which:

- [] is being executed on even date herewith and is about to be filed in the United States Patent Office;
- [X] was filed on January 31, 2002 as Application No. 10/066,305;
- [] was patented under U.S. Patent No. [] on [].

WHEREAS, Whitehead Institute for Biomedical Research, a corporation organized and existing under the laws of the State of Delaware and having a usual place of business at Nine Cambridge Center, Cambridge, Massachusetts 02142, and Dana-Farber Cancer Institute, Inc., a corporation organized and existing under the laws of the Commonwealth of Massachusetts, and having a usual place of business at 44 Binney Street, Boston, Massachusetts, 02115, (hereinafter "ASSIGNEES"), desire to acquire an interest therein in accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEES, their successors, assigns and legal representatives, my entire right, title and interest in and throughout the United States of America. its territories and all foreign countries, in and to said invention as described in said application, together with my entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEES for their own use and behalf and for their successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention, carries with it the right in ASSIGNEES to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEES for their own name as assignees of the entire right, title and interest therein;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEES, their successors, assigns and legal representatives, but at its or their expense and charges, including the

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execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEES, their successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal the date set forth below.

Inventor's Signature:	- All
State/Commonwealth	Yodd R. Golub
of Manachyre	
County of	ey
Then personally appeare he executed the foregoin	d before me the above-named Todd R. Golub and acknowledged that g instrument as his free act and deed this day of, 2002.
(SEAL)	Mary Public Notary Public
٠.	Anderly 6. (Valle Marint name)
	My Commission expires 8 / 4 / 06